






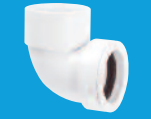










M'ALPINE
Plumbing Products

3









53



Multifit Waste Fittings

	<div>1¼" Code</div> <div>1½" Code</div> <div>2" Code</div>			<div>1¼" Code</div> <div>1½" Code</div> <div>2" Code</div>
	<div>90° Bend</div> <div>MS4MT4MZ4</div>			<div>Straight Connector Multifit x European pipe size</div> <div>x 32mm x 40mm x 50mm</div> <div>S28L-ISOT28L-ISOZ28L-ISO</div> <div>x 40mm - -</div> <div>ST28L-ISO - -</div>
	<div>90° Bend Multifit x European pipe size</div> <div>x 32mm x 40mm x 50mm</div> <div>MS4-ISOMT4-ISOMZ4-ISO</div>			
	<div>90° Bend Multifit x 32mm European pipe size ring seal pushfit</div> <div>MS4-32MM - -</div>			<div>Adjustable Straight Connector</div> <div>MS18E MT18E MZ18E</div>
	<div>90° Bend ABS solvent weld x 32mm European pipe size ring seal pushfit</div> <div>MS4-32SOLVENT -</div>			<div>Straight Connector Multifit x plain end*</div> <div>MS18L MT18L -</div>
	<div>90° Bend Multifit x plain end*</div> <div>MS4L MT4L MZ4L</div>			<div>Swept Tee</div> <div>V8M V1M V15M</div>
	<div>135° Bend</div> <div>MS20 MT20 MZ20</div>			<div>1½" Equal Slip Tee with universal connections</div> <div>- V1MX -</div>
	<div>135° Bend Multifit x plain end*</div> <div>MS20L MT20L MZ20L</div>			<div>Reducer for Fittings*</div> <div>1½" x 1¼" T12M -</div> <div>2" x 1¼" - ZS26L</div> <div>2" x 1½" - ZT26L</div>
	<div>Straight Connector</div> <div>S28M T28M Z28M</div>			
	<div>Reducing Connector 1½" x 1¼"</div> <div>- ST28M -</div>			<div>2" x 19/23mm - TUN-2</div>

■ Fittings marked* have plain ends which are designed to fit into other fittings or traps with Multifit or universal connection

	1¼" Code	1½" Code	2" Code
	Reducer in ABS* 1¼" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection		
	R16	-	-
	Reducer in ABS* 1½" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection		
	-	R17	-
	Rubber Reducer 1¼" x 1"/28mm		
	T12R	-	-
	Straight Connector Multifit x BSP female thread		
	S29	T29	Z29
	Straight Connector Multifit x BSP coupling nut		
	S29-LN	T29-LN	-
	90° Bend Multifit x BSP coupling nut		
	S5M	T5M	Z5M
	95° Bend Multifit x BSP coupling nut		
	S5M-A	T5M-A	-
	135° Bend Multifit x BSP coupling nut		
	-	ST90-OUT	-

	1¼" Code	1½" Code	2" Code
	Straight Connector BSP male thread x universal connection		
	S31M	T31M	-
	Multifit Tank Connector		
	S11M	T11M	Z11M
	Multifit Bent Tank Connector		
	MS4-TANK MT4-TANK MZ4-TANK		
	Blanking Cap for Multifit fittings		
	S23M	T23M	Z23M
	Blanking Cap for waste pipe with universal connection		
	S23U	T23U	Z23U
	2" Caulking Ferrule		
	S21A	T21A	Z21A
	In-Line Connector with Filter - Top Access universal connection x ABS plain spigot BS EN 1329-1:2000		
	-	T28M-FIL	-
	Loose Nut		
	S8M	T8M	Z8M
	Straight Connector pushfit to solvent weld		
	S18-ABS	T18-ABS	

Flexible Waste Fittings and Non-Return Valves

Flexible Connector offers maximum flexibility when conventional fittings cannot be used

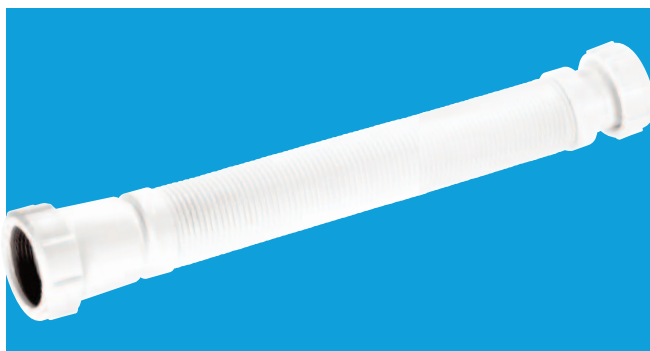
- Maximum effective length 18"
- PVC Plain spigot to suit Multifit and universal outlet traps or waste fittings. Also suitable for solvent welding to pipe BS EN 1329-1:2000
- Universal outlet connection



1¼" Code	1½" Code	2" Code
FLEXCON1	FLEXCON2	-

Flexible Connector offers maximum flexibility when conventional fittings cannot be used

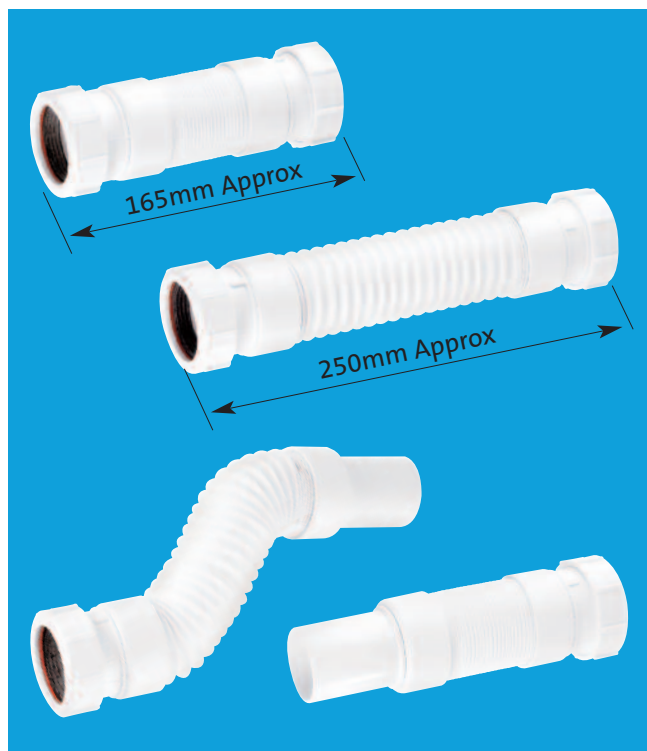
- Maximum effective length 18"
- Universal connection x 1½" BSP coupling nut



-	FLEXCON2-LN	-
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Flexible Fittings

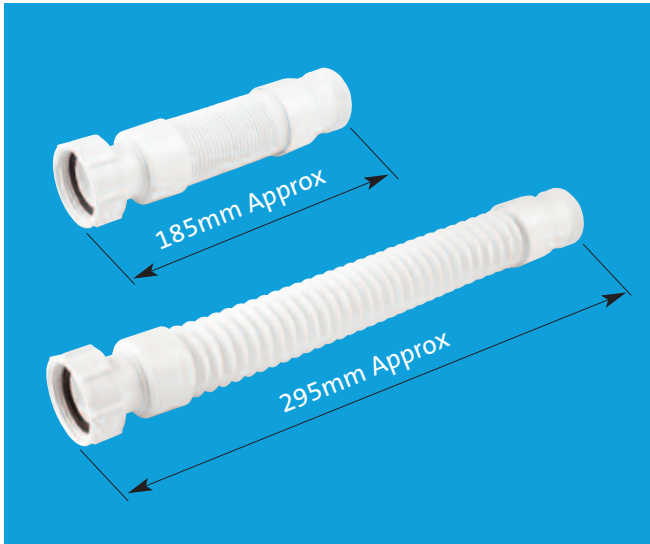
- These fittings offer complete flexibility for any required angle or offset



1¼" Code	1½" Code	2" Code
FLEXCON3	FLEXCON4	FLEXCON7

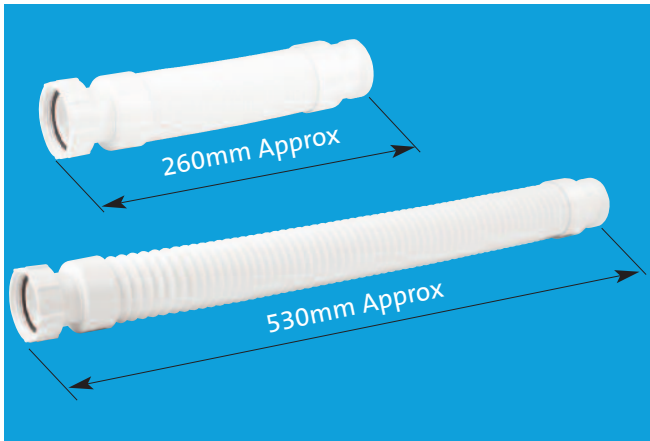
Universal Connection x PVC Plain Spigot
suitable for solvent welding to pipe
BS EN 1329-1:2000

FLEXCON5	FLEXCON6	FLEXCON8
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1 1/4" BSP coupling nut x 1 1/4" BSP male thread

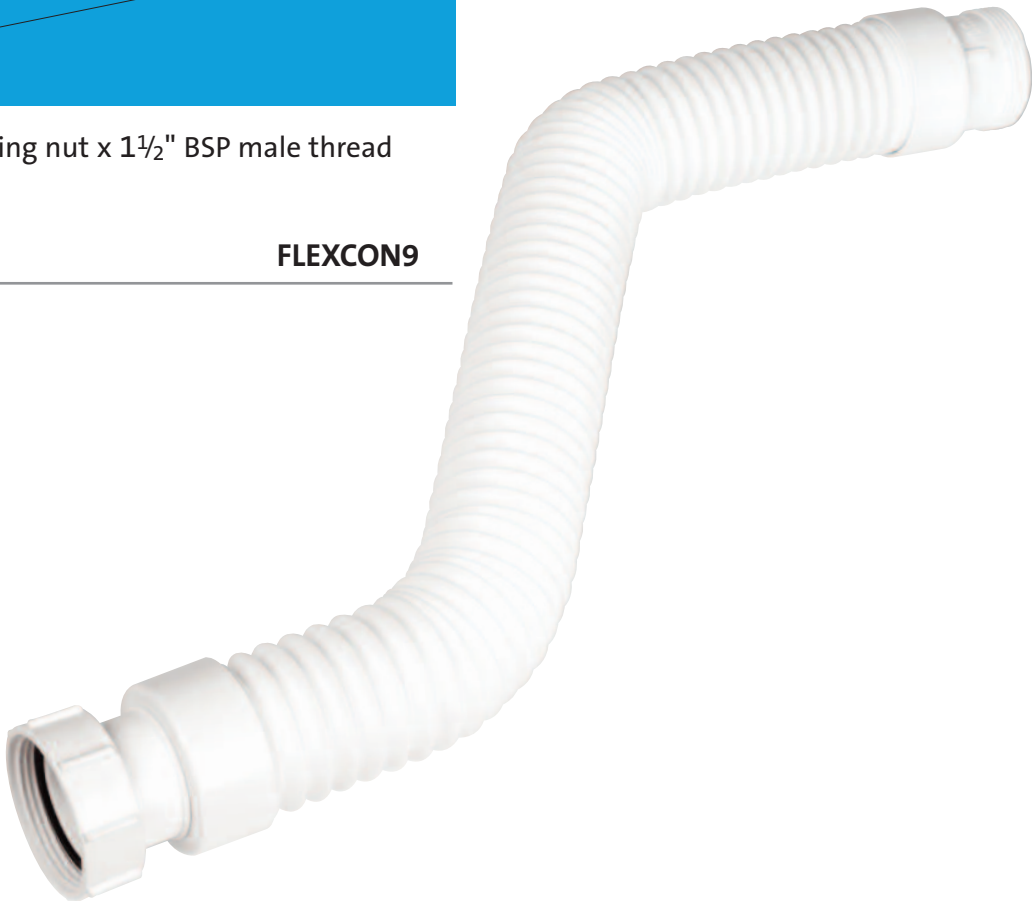
Code **FLEX-JKS**



1 1/2" BSP coupling nut x 1 1/2" BSP male thread

Code **FLEXCON9**

FLEXCON9



Non-Return Valves



1 1/4" Code	1 1/2" Code	2" Code
In-Line Non-Return Valve with 1 1/2" universal connections and top access for cleaning		
S28M-NRV	T28M-NRV	-



In-Line Non-Return Valve with 2" universal connections and top access for cleaning		
-	-	Z28M-NRV











In-Line Non-Return Valve with 2" BS EN 1329-1:2000 solvent weld connections and top access for cleaning		
-	-	Z28M-NRV5



■ The above Non-Return Valves are designed to prevent a back flow of water and must be installed in a horizontal position. They must only be used when there is no alternative and on the basis that they are cleaned regularly

Sundry Fittings







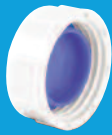


Sundry Fittings

	1¼"	1½"	2"
	Code	Code	Code
	90° Bend with BSP male thread x BSP coupling nut		
	S1	T1	Z1
	BSP Nut ordinary		
	S8A	T8A	Z8A
	BSP Nut compression		
	S8B	T8B	Z8B
	Compression Ring for Imperial Copper		
	S13-ISON	T13-ISON	-
	BSP Coupling to BS EN 1329-1:2000 ABS or PVC pipe, must be solvent welded		
	S25	T25	-
	Trap Inlet Reducer		
	1¼" x 1"	-	-
	S16	-	-
	1½" x 1¼"	T16	-
	Blank Cap with nut for BSP threads		
	S23	T23	Z23
	7" Extension Piece effective length 5". Available longer or shorter on application		
	S22L	T22L	-


BSP Female x BSP Male Couplings


	1¼"	1½"
	Code	Code
	BSP Coupling	
	1" length	S12A-1 T12A-1
	2" length	S12A-2 T12A-2
	3" length	S12A-3 T12A-3
		S12A-F T12A-F


BSP Female x BSP Male Couplings

	1¼"	1½"
	Code	Code
	BSP Coupling	
	1¼" x 1"	S12C -
	1" x ¾"	S12D -
	BSP Coupling waste outlet reducer	
	1½" x 1¼"	- T12
	BSP Coupling	
	1¾" x 1½"	- T12B
	2" x 1½"	- T12C
	2" x 1¼"	- T12D
	1½" x 1"	- T12H
	BSP Coupling	
	1½" x 2"	- T12E
	1½" x 1¾"	- T12F
	¾" Female Blank Cap for blanking off appliance valves with ¾" male thread	
	Code	NUT-WMVALVE
	1" Female Blank Cap for traps and fittings with 1" male thread	
	Code	NUT-BLANK-WH
	1½" Pipe Clip for floor mounted discharge pipe installations	
	Code	T30-CLAMP
	Stackable Gradient Spacer for use with T30-CLAMP allowing for a fall of varying degrees	
	Code	T30-SPACER




	1 1/4" Code	1 1/2" Code	2" Code
HDPE White Pipe 3m lengths			
	HD1-3M	HD2-3M	HD3-3M


	Pipe Clip		
	S30	T30	Z30


	90° Bend		
	S4L	T4L	Z4L

	Straight Connector		
	S18L	T18L	Z18L


	Straight Connector Multifit x Surefit		
	S28L	T28L	Z28L


	Reducing Connector 1 1/2" x 1 1/4"		
	-	T12L	-


	Blank Cap without nut		
	S23L	T23L	Z23L

	Reducer for Fittings		
	2"-1 1/4"	1 1/2"-1 1/4"	2"-1 1/2"
	S26L	T12S	T26L

	1 1/4" Code	1 1/2" Code
Swept Tee		
	V8L	V1L

	Swept Tee	
	1 1/2" x 1 1/2" x 1 1/4"	V21L









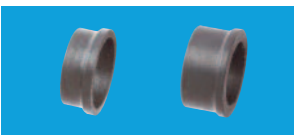

	Swept Tee Surefit x 19mm pushfit branch	
	1 1/2" x 1 1/2" x 3/4"	V23L
	1 1/4" x 1 1/4" x 3/4"	V24L

	1 1/4" Code	1 1/2" Code	2" Code
Straight Connector to soil pipe boss BS EN 1451-1:2000 size*			
	S18M	T18M	Z18M

	Wall Flange for HDPE pipe		
	S17	T17	-

- *BS 5254 size - if connecting to boss size BS 5255 add 5255 to code e.g. S18M 5255
- Surefit waste fittings only suitable for M^cAlpine HDPE waste pipe

Chrome Plated Brass Waste Pipe and Fittings

	European pipe size	1¼" UK pipe size	1½" UK pipe size
	1m length of CP Brass Pipe		
	PIPE32-1000-CB	PIPE35-1000-CB	PIPE42-1000-CB
	CP Pipe Clip		
	S32-CP	S35-CP	T42-CP
	90° Compression Bend		
	32A-CB	35A-CB	42A-CB
	135° Compression Bend		
	-	35B-CB	42B-CB
	Compression Tee		
	-	-	42E-CB
	Blanking Cap for above fitting		
	-	-	40K-CB
	Compression Straight Connector		
	32G-CB	35G-CB	42G-CB
	Wall Flange		
	WALLFLANGE-CP32	WALLFLANGE-CP35	WALLFLANGE-CP42
	Synthetic Rubber Seal Reducers for above fittings		
	R/SEAL-35X32	R/SEAL-42X32 R/SEAL-42X35	
	ABS Solvent Weld Adaptor to convert above fittings to BS EN 1329-1:2000 plastic solvent weld waste pipe		
	ABSCON-32X1.25	ABSCON-35X1.25	ABSCON-42X1.5

NOTE: European sizes only



90° Bend 32/35mm compression
CP brass x 1 1/4" ABS solvent weld

Code **ABS32/35A-CB**

90° Bend 42/43mm compression
CP brass x 1 1/2" ABS solvent weld

Code **ABS42/43A-CB**



Straight Connector 32/35mm
compression CP brass x 1 1/4" ABS
solvent weld

Code **ABS32/35G-CB**

Straight Connector 42/43mm
compression CP brass x 1 1/2" ABS
solvent weld

Code **ABS42/43G-CB**



Elongated 90° Bend 32/35mm
compression CP brass x 1 1/4" ABS
solvent weld

Code **ABS32/35A-CB-L**



90° Bend 32mm European pipe
size ring seal pushfit x 1 1/4"
Multifit

Code **MS4-32MM**



90° Bend 32mm European pipe
size ring seal pushfit x 1 1/4" ABS
solvent weld

Code **MS4-32SOLVENT**

- For Multifit fittings suitable for use with 35mm and 42mm external diameter pipe see pages 54 and 55
- For Chrome Plated Traps see pages 7 and 22

*ABS32/35G-CB can be used in conjunction with
WALLFLANGE-CP42. As illustrated below*



Drain Connectors and Blanking Off Caps

- Manufactured in polypropylene
- Finned seal spigot for internal connection to cast iron, plastic or clay 4"/110mm pipe
- Ideal for low level connections
- Reducers allow for connection to BS EN 1451-1:2000 and BS EN 1329-1:2000 pipe



4"/110mm x 4"/110mm Connector with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black)	DC1-BL
Code (Grey)	DC1-GR

With 14mm offset

Code (Black)	DC1BL-OS
Code (Grey)	DC1GR-OS

Drain Connector with Boss



4"/110mm x 4"/110mm Connector with 'O' seal socket to fit 4"/110mm pipe to BS 4514 and 1½" universal pipe boss including blanking cap. **Should only be fitted on ground floor due to a reduction in the internal outlet diameter of the boss pipe connector**

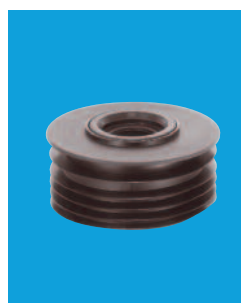
Code (Black)	DC1-BL-BO
Code (Grey)	DC1-GR-BO

Drain Connector 90° Bend



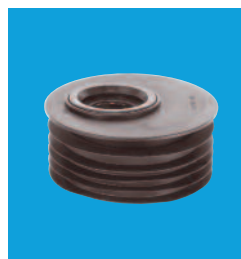
90° Bend 4"/110mm x 4"/110mm with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black)	DC90-BL
Code (Grey)	DC90-GR



4"/110mm Reducer Connector with sealing ring to fit to plastic waste pipe

	Code
1¼" and 1½"	DC2-BL
2"	DC3-BL



4"/110mm Reducer Connector with offset sealing ring to fit to plastic waste pipe

1¼" and 1½"	DC2BL-OS
2"	DC3BL-OS



4"/110mm Blanking Cap suitable for sealing cast iron, plastic or clay 4"/110mm pipe

Code	DC4-BL
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Temporary Blanking Off Caps



Synthetic Rubber Cap for sealing 110mm pipe

Code	CAP100
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Synthetic Rubber Cap for waste pipe

1¼" Code	1½" Code	2" Code
S23MR	T23MR	Z23MR

- Suitable for waste water and condensate discharge
- Simple dry fixing mechanical connection

Mechanical Soil Pipe Boss Connectors to suit 57mm hole saw size



4"/110mm x 1¼" pipe
Code **BOSSCONN110-BL**
4"/110mm x 1½" pipe
Code **BOSSCONN110T-BL**
4"/110mm x 2" pipe
Code **BOSSCONN110Z-BL**
3"/82mm x 1¼" pipe
Code **BOSSCONN82-BL**
3"/82mm x 1½" pipe
Code **BOSSCONN82T-BL**
3"/82mm x 2" pipe
Code **BOSSCONN82Z-BL**



4"/110mm x 1¼" pipe
Code **BOSSCONN110-GR**
4"/110mm x 1½" pipe
Code **BOSSCONN110T-GR**
4"/110mm x 2" pipe
Code **BOSSCONN110Z-GR**
3"/82mm x 1¼" pipe
Code **BOSSCONN82-GR**
3"/82mm x 1½" pipe
Code **BOSSCONN82T-GR**
3"/82mm x 2" pipe
Code **BOSSCONN82Z-GR**

- Universal connection for pushfit or solvent weld waste pipe
- All boss connectors supplied with fixing tool

Two-Piece Cast Iron Soil Pipe Boss Connector to suit 22mm drill size for CONDENSATE DISCHARGE ONLY



4"/100mm x 1¼" pipe
Code **BOSS110CAST-BL**
4"/100mm x 1½" pipe
Code **BOSS110TCAST-BL**
3½"/90mm x 1¼" pipe
Code **BOSS90CAST-BL**
3½"/90mm x 1½" pipe
Code **BOSS90TCAST-BL**
3"/82mm x 1¼" pipe
Code **BOSS82CAST-BL**
3"/82mm x 1½" pipe
Code **BOSS82TCAST-BL**

Mechanical Soil and Rainwater Pipe Boss Connectors



Mechanical Soil and Rainwater Pipe Boss Connector for 1¼" pipe

Code **BOSSCONN1.25BL**
Code **BOSSCONN1.25GR**



Reducer in ABS 1¼" plain tail x 19/23mm universal connection

Code **R16-BL**
Code **R16-GR**



Mechanical Soil and Rainwater Pipe Boss Connector for 19/23mm pipe

Code **BOSSCONN-22MM**

Threaded Boss Connectors



Straight Connector 2" BSP male thread x Multifit

2" BSP x 1¼" Multifit **ZS31M**
2" BSP x 1½" Multifit **ZT31M**
2" BSP x 2" Multifit **Z31M**

General

- MacFlash Aluminium Roof Flashing offers an alternative to traditional lead roof slates
- The aluminium flashing is manufactured from high grade aluminium and the collar from synthetic rubber, both to British Standards. The collar is die-formed to the aluminium flashing

Advantages

- MacFlash is quickly and easily installed and offers cost savings in material and labour
- MacFlash is suitable for flat roofs and for roof pitches up to 45°
- MacFlash has special corrugations that can be easily dressed to form a seal
- MacFlash can be used with flue pipes from condensing boilers

Nominal Pipe Size 4"/110mm pipe

Base Measurements 18" x 18"

Code

RS1

Nominal Pipe Size 3"/75mm pipe

Base Measurements 18" x 18"

Code

RS4

Nominal Pipe Size 4"/110mm pipe

Base Measurements 18" x 24"

Code

RS2

Nominal Pipe Size 2"/50mm pipe

Base Measurements 18" x 18"

Code

RS7

Nominal Pipe Size 4"/110mm pipe

Base Measurements 24" x 24"

Code

RS3

